

00 Oil filling procedure for W12 engines

00 13 55 2035581/1 October 21, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2012 - 2014	All	CEJA engine

Condition

Although the correct amount of oil was added to the engine during an oil change service, a check of the oil level shows that the oil level is not okay.

Technical Background

When an unapproved aftermarket speed-filling device is used to add oil to a W12 engine, the increased oil flow rate forces oil into the intake manifold or combustion chamber and damages the engine.

For a detailed view of the W12 engine, see the image below (Figure 1).

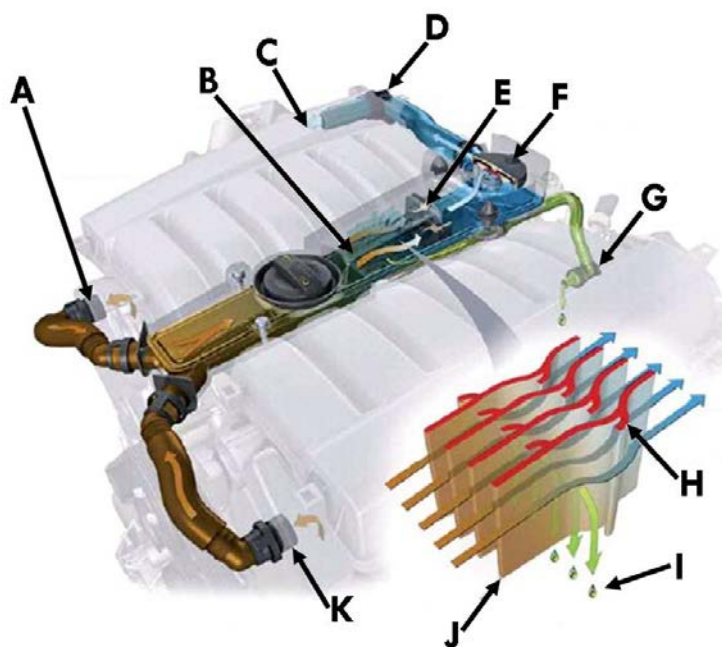


Figure 1. A: blow-by-gas inlet (raw gas) from the cylinder head cover (cylinder bank 1); B: coarse oil separator; C: inflow of treated blow-by gasses into the intake manifold; D: positive crankcase ventilation heating element (N79); E: fine oil separator (impactor); F: pressure control valve in the oil separator module; G: oil return line in the timing case; H: collecting walls for liquid blow-by gas constituents; I: separated engine oil collects in the drip pan; J: labyrinth-like channels in the coarse oil separator; K: blow-by gas inlet (raw gas) from the cylinder head cover (cylinder bank 2)

Production Solution

Not applicable.

Service

1. Verify whether or not oil has entered either the intake manifold or the combustion chamber.
2. If oil is found in any of these areas, remove the oil.
3. Fill the engine with the correct amount of oil as listed in the vehicle's Fluid Capacity Table in Elsa. (See *Repair Manual >> Maintenance >> Maintenance Procedures >> Engine Oil, Draining/Extracting and Removing and Installing Filter >> 6.3L TFSI Gasoline Engine* for more information). When filling the engine with oil, use overhead oil dispensers, quart containers of oil, or oil-filling containers that *do not* completely seal the filler cap receptacle on the oil separator or valve cover.
4. Allow the oil to drain into the oil pan.
5. Check that the oil level is correct before starting the engine.

Warning:

Do not use aftermarket speed-filling devices and funnels that have an airtight seal at the filter cap, as they are not approved. Damages caused by speed-filling devices and funnels that have an airtight seal at the cap are not warrantable and will not be reimbursed.

Warranty

This TSB is informational only and not applicable to any Audi warranty.

Additional Information

All parts and service references provided in this TSB (2035581) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.